WHAT IS CLAIMED IS:

1. A detachable connector for a lamp on a pendent lamp comprising:

a holder being tubular and having a central chamber with an inner open end and an outer open end;

a socket detachably attached to the inner open end to electrically connect to a power source;

an attaching device with elements formed on the socket and the holder that connect to each other to hold the socket on the inner end of the holder;

a plug corresponding to and selectively inserted into the socket to electrically connect to the socket and electrically connected to the lamp of the pendent lamp; and

a connecting tube securely attached to the plug and connected to the lamp of the pendent lamp.

2. The detachable connector as claimed in claim 1, wherein the attaching device comprises:

two first ears formed on and extending from the holder, and each first ear having a threaded hole;

a cap formed around the socket and having two second ears formed on the cap and corresponding respectively to the first ears on the holder, and each second ear having a through hole defined through the second ear and aligning with the threaded hole in the corresponding first ear; and

two bolts penetrating respectively through the through holes in the second ears and screwed respectively into the threaded holes in the first ears on the holder to attach the socket to the holder.

3. The detachable connector as claimed in claim 2, wherein the holder comprises

a tubular body and having an outer surface, an inner surface, a inner open end, an outer open end, an elongated through hole longitudinally defined in the outer surface of the body and a tapered surface formed on the inner surface and corresponding to the elongated through hole;

a bottom cap attached to the inner open end of the body to close the inner open end;

a sliding tube moveably mounted in the body through the outer open end and having an outer surface, a central passage, a tapered surface formed on the outer surface of the sliding tube and corresponding to the tapered surface in the tubular body and multiple bores defined through the tapered surface of the sliding tube and communicating with the central passage, and each respective bore having a depth;

multiple balls moveably mounted respectively in the bores and each ball having a diameter larger than the depth of the bores;

a spring mounted between the bottom cap and the sliding tube; and

a pushing bar pivotally mounted on the body and having a bottom penetrating through the elongated through hole and corresponding to the sliding tube,

wherein the first ears are formed on and extend from the bottom cap.

4. The detachable connector as claimed in claim 1, wherein the attaching device comprises:

two hooks formed on the holder; and

a cap formed around the socket and having two through holes formed on the cap and respectively corresponding to and hooked by the hooks on the holder.

5. The detachable connector as claimed in claim 4, wherein the holder comprises

a tubular body having an outer surface, an inner surface, a inner open end, a outer open end, an elongated through hole longitudinally defined in the outer surface of the body and a tapered surface formed on the inner surface and corresponding to the elongated through hole;

a bottom cap attached to the inner open end of the body to close the inner open end;

a sliding tube moveably received in the body through the outer open end and having an outer surface, a central passage, an tapered surface formed on the outer surface of the sliding tube and corresponding to the tapered surface in the tubular body and multiple bores defined through the tapered surface of the sliding tube and communicating with the central passage, and each respective bore having a depth;

multiple balls moveably received the bores in respective and each having a diameter larger than the depth of a corresponding one the bores;

a spring mounted between the bottom cap and the sliding tube; and

a pushing bar pivotally mounted on the body and having a bottom penetrating through the elongated through hole and corresponding to the sliding tube,

wherein the hooks are formed on the bottom cap.

6. The detachable connector as claimed in claim 4, wherein the socket is L-shaped.

7. The detachable connector as claimed in claim 1, wherein the attaching device comprises:

two hooks integrally formed on the socket; and

two loops formed on the holder and respectively corresponding to and hooked by the hooks on the socket.

8. The detachable connector as claimed in claim 7, wherein the holder comprises

a tubular body and having an outer surface, an inner surface, an inner open end, an outer open end, an elongated through hole longitudinally defined in the outer surface of the body and a tapered surface formed on the inner surface and corresponding to the elongated through hole;

a bottom cap is attached to the inner open end of the body to close the inner open end;

a sliding tube moveably received in the body through the outer open end and having an outer surface, a central passage, an tapered surface formed on the outer surface of the sliding tube and corresponding to the tapered surface in the tubular body and multiple bores defined through the tapered surface of the sliding tube and communicating with the central passage, and each respective bore having a depth;

multiple balls moveably received the bores in respective and each having a diameter larger than the depth of a corresponding one the bores;

a spring mounted between the bottom cap and the sliding tube; and

a pushing bar pivotally mounted on the body and having a bottom penetrating through the elongated through hole and corresponding to the sliding tube,

wherein the loops are formed on the bottom cap.

9. The detachable connector as claimed in claim 7, wherein the socket is L-shaped.